SIEMENS

MAMMOMAT Novation

Installation Protocol

System

Service provider Installation Protocol

Document revision level

The document corresponds to the version/revision level effective at the time of system delivery. Revisions to hardcopy documentation are not automatically distributed.

Please contact your local Siemens office to order current revision levels.

Disclaimer

The installation and service of equipment described herein is to be performed by qualified personnel who are employed by Siemens or one of its affiliates or who are otherwise authorized by Siemens or one of its affiliates to provide such services.

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Delivery, installation, cabling and start-up

Room preparation

- The following topics must be clarified with the project manager before the delivery date:

  Building inspection by the service provider

  Floor loading

  Floor condition

  Barriers, crane, tools.

- The project manager must be on site for information on arrival of the service provider.
- The orientation point is marked by the project manager.
- The current project plan is handed over to the service provider on site.
- Line voltage is available at the on-site system distributor.
- The system emergency off is installed by the customer.
- Cable ducts etc. must be installed.
- All room preparations by the customer are completed and the room is swept clean.
- Radiation protection partition is available.
- To be able to install the covers, the system must be started up partially. This requires a Siemens service engineer who connects and switches on the voltage to the MAMMO-MAT Novation^{DR}.
- Seal the joints of the unit base with silicone.

NOTE	**All work must be performed in accordance with the supplied documents.**

Delivery

- A long elevating truck is required for transporting the unit carrier on the pallet.
- The system is brought into the room.
- Unpacking and bringing in all system components of the unit.
- Inspecting the components for damage.

Installation

- Taking along all required tools, measuring and installation aids according to the tool list.
- Positioning and aligning all system components according to the project plan or the statements of the PM.
- Installing accessories and options.

- Aligning, drilling and anchoring the unit base, if necessary, screw tight and tighten with the torque stated in the MAMMOMAT Novation[DR] installation instructions.
- Remove all transport protection devices.
- All fastenings must be tightened with the torques stated in the installation instructions and secured where necessary with Locite 221.
- All values must be entered according to instructions in the corresponding certificates.
- Install the detector

System cabling

- Perform the cabling of the system components of the MAMMOMAT Novation[DR], options, control consoles and monitors corresponding to the installation instructions.
- Connect foot switches.

Other work

- Close all cable ducts.
- Clearing and cleaning the installation room (swept clean).
- Unpack accessories, if the premises allow this.
- Return all installation racks and packaging materials.
- Damage caused to the building by the work must be reported to the project manager/person responsible for the project.

Site data

SAP No.:   _____   System Ser. No.:   _____

Customer: _____

Country/city: _____

Installation team: _____

Project manager: _____

Installation start: _____   Installation end: _____

Installation steps performed

	Work performed	
	yes	**no**
The system was installed according to the supplied documents.	❐	❐
Delivery of the system: All components were delivered.	❐	❐
The system delivery is complete, according to dispatch note. . . . . All parts are undamaged.	❐	❐
The system emergency off is installed by the customer.	❐	❐
	❐	❐

	Work performed	
	yes	**no**
Installation:		
The stand is anchored to the floor.	❏	❏
The radiation shield is anchored to the floor.	❏	❏
Missing parts are noted in the installation protocol.	❏	❏
The project plan was available.		
The radiation shield and AWS are installed according to project plan	❏	❏
Covers are mounted.	❏	❏
	❏	❏
Cabling:		
System cables are run and connected according to the documents.	❏	❏
All options are positioned and cabled	❏	❏
Enough cable ducts were available and with a sufficient length	❏	❏

Activity report

Day	Start	End	E	M	V	R	KA	Work performed	Employees/number
Total (Mh)									

Explanation of the activity report

Day / Start / End	Date / start of work / end of work (time)
E	Bringing in the entire system in hours per/day
M	Installation of the entire system in hours per/day
V	Cabling of the system in hours per/day
R	Travelling time in hours per/day
KA	No order-related working time in hours per/day
Work performed	Work performed
Employees/number	Number of employees who were employed in the period
Total (Mh)	Man hours, number of accumulated hours multiplied by number of employees

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General remarks

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A copy of this remains at the system and is filed in the Assembly/Installation folder.

_____   _____   _____

Place, date   Installation team employee   Siemens project manager/

person responsible for the project

                                     _____   _____

                                     Name in block letters   Name in block letters

Changes to previous version

Chapter	Page	Change
All	All	Converted to DMS